Customer Report for: ⟨CustomerID⟩

This report summarizes your electricity charges relative to your usage patterns. It also compares your usage patterns relative to those of others in your "peer group", those with the same North American Industry (NAICS) code and subscribed to the same time of use rate (TOU). It is provided to you for your information and as a backdrop for the conversation with Southern California Edison (SCE) to find opportunities for savings.

The analysis is performed by back-casting your last year's consumption to the rates currently in effect. As such, it is a forecast of your future payments, not an accurate replica of your earlier ones.

Components of the Bill

The electric bill has three main components: facility charges, energy charges, and demand charges. The makeup of these charges for the year and by month are shown in Figures 1 and 2, respectively.

visuals/<CustomerID>.piechart.pdf

Figure 1: Makeup of annual charges

visuals/<CustomerID>.boxplot.pdf

Figure 2: Makeup of monthly charges

Note that the demand charges are collected only in the four summer months, yet they account for ⟨dmndpc⟩ of the total annual bill. The expected annual charges by bill component are summarized in Table 2.

Table 1: Components of annual electric bill

Bill component	Amount [$]
Facility	⟨facility⟩
Energy	⟨energy⟩
Demand	⟨demand⟩
Total	⟨total⟩

visuals/<CustomerID>.heatmap.pdf

Figure 3: Normalized consumption for <CustomerID>

Figure 4: Energy price on <RateCode>
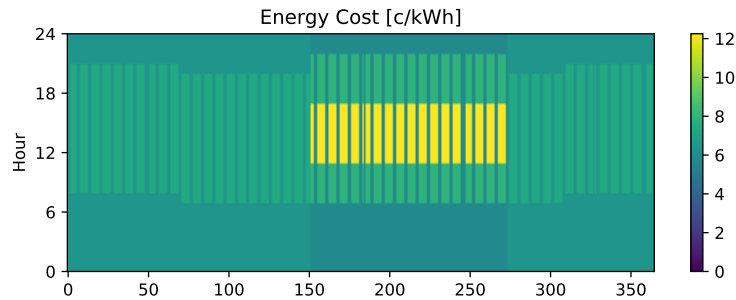
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Table 2: Components of annual electric bill

Month	Avg price [$]	Month	Avg price [$]
Jan	<EnAvg01>	Jul	<EnAvg07>
Feb	<EnAvg02>	Aug	<EnAvg08>
Mar	<EnAvg03>	Sep	<EnAvg09>
Apr	<EnAvg04>	Oct	<EnAvg10>
Jun	<EnAvg06>	Nov	<EnAvg11>
May	<EnAvg05>	Dec	<EnAvg12>
Annual average	<EnAvgAnnual>		

Peer performance

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Figure 5: Average annual energy price for <CustomerID> compared to peers

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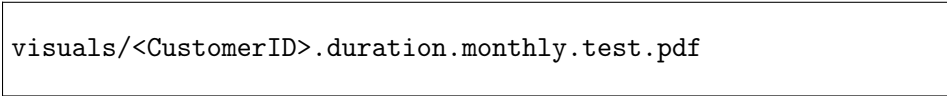
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visuals/<CustomerID>.duration.monthly.test.pdf
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Figure 7: Average annual demand price for <CustomerID> compared to peers

Figure 6: Normalized load and demand profiles for <CustomerID>

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Table 3: Monthly Demand Charges

Month	Avg price [$]	Month	Avg price [$]
Jan	<DmndAvg01>	Jul	<DmndAvg07>
Feb	<DmndAvg02>	Aug	<DmndAvg08>
Mar	<DmndAvg03>	Sep	<DmndAvg09>
Apr	<DmndAvg04>	Oct	<DmndAvg10>
Jun	<DmndAvg06>	Nov	<DmndAvg11>
May	<DmndAvg05>	Dec	<DmndAvg12>
Annual average	<DmndAvgAnnual>		

Peer performance

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